

# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

|   |                          |
|---|--------------------------|
| 0.1 Member State                          | HU                       |
| 0.2.1 Species code                        | 2170                     |
| 0.2.2 Species name                        | <b>Ferula sadleriana</b> |
| 0.2.3 Alternative species scientific name | N/A                      |
| 0.2.4 Common name                         | magyarföldi husáng       |

## 1. National Level

### 1.1 Maps

|                          |  |
|--------------------------|--|
| 1.1.1 Distribution Map   | Yes  |
| 1.1.1a Sensitive species | No   |
| 1.1.2 Method used - map  | Complete survey/Complete survey or a statistically robust estimate (3) |
| 1.1.3 Year or period     | 2007-2010  |
| 1.1.4 Additional map     | No   |
| 1.1.5 Range map          | Yes  |

## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

#### Pannonian (PAN)

### 2.2 Published sources

Lendvai Bertalan és Kalapos Tibor 2009: A magyarföldi husáng (Ferula sadleriana) populációjának állapotfelmérése 2008-ban. Természetvédelmi Közlemények 15, pp. 486-492  
 Somlyay L. (2007) A Ferula sadleriana Ledeb. "újabb" hazai lelőhelye. – Kitaibelia 12: 106–107  
 Gánti Tibor 2009: A természet kebelén. Novum Verlag. (A Rigó-hegyi állománnyról)

A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései

### 2.3 Range

|   |   |
|---|---|
| 2.3.1 Surface area - Range (km <sup>2</sup> ) | 696   |
| 2.3.2 Method - Range surface area             | Complete survey/Complete survey or a statistically robust estimate (3)                |
| 2.3.3 Short-term trend period                 | 2001-2012   |
| 2.3.4 Short-term trend direction              | stable (0)  |
| 2.3.5 Short-term trend magnitude              | min max   |
| 2.3.6 Long-term trend period                  |   |
| 2.3.7 Long-term trend direction               | N/A   |
| 2.3.8 Long-term trend magnitude               | min max   |
| 2.3.9 Favourable reference range              | area (km <sup>2</sup> )<br>operator approximately equal to (≈)<br>unkown No<br>method |
| 2.3.10 Reason for change                      | Improved knowledge/more accurate dataUse of different method                          |

### 2.4 Population

|   |   |
|---|---|
| 2.4.1 Population size (individuals or agreed exception) | Unit number of individuals (i)<br>min 1500 max 5000 |
| 2.4.2 Population size (other than individuals)          | Unit N/A<br>min max                                 |

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|  |  |  |                     |
|--|--|--|---------------------|
| 2.4.3 Additional information           | Definition of locality<br>Conversion method<br>Problems                | Az egyedszám változása nagyban függ a csapadékviszonyoktól, erősen fluktuál. |                     |
| 2.4.4 Year or period                   | 2007-2010  |  |                     |
| 2.4.5 Method – population size         | Complete survey/Complete survey or a statistically robust estimate (3) |  |                     |
| 2.4.6 Short-term trend period          | 2001-2012  |  |                     |
| 2.4.7 Short term trend direction       | stable (0)   |  |                     |
| 2.4.8 Short-term trend magnitude       | min  | max  | confidence interval |
| 2.4.9 Short-term trend method          | Complete survey/Complete survey or a statistically robust estimate (3) |  |                     |
| 2.4.10 Long-term trend period          |  |  |                     |
| 2.4.11 Long term trend direction       | N/A  |  |                     |
| 2.4.12 Long-term trend magnitude       | min  | max  | confidence interval |
| 2.4.13 Long-term trend method          | N/A  |  |                     |
| 2.4.14 Favourable reference population | number   |  |                     |
|  | operator   | approximately equal to (≈)   |                     |
|  | unknown  | No   |                     |
|  | method   |  |                     |
| 2.4.15 Reason for change               | Improved knowledge/more accurate data                                  | Use of different method  |                     |

## 2.5 Habitat for the Species

|   |  |  |  |
|---|--|--|--|
| 2.5.1 Surface area - Habitat (km <sup>2</sup> )   | 0,12   |  |  |
| 2.5.2 Year or period                              | 2007-2010  |  |  |
| 2.5.3 Method used - habitat                       | Complete survey/Complete survey or a statistically robust estimate (3) |  |  |
| 2.5.4 a) Quality of habitat                       | Good   |  |  |
| 2.5.4 b) Quality of habitat - method              | vadász, taposás, védettség, területhasználat                           |  |  |
| 2.5.5 Short term trend period                     | 2001-2012  |  |  |
| 2.5.6 Short term trend direction                  | stable (0)   |  |  |
| 2.5.7 Long-term trend period                      |  |  |  |
| 2.5.8 Long term trend direction                   | N/A  |  |  |
| 2.5.9 Area of suitable habitat (km <sup>2</sup> ) | 0,12   |  |  |
| 2.5.10 Reason for change                          | Improved knowledge/more accurate data                                  |  |  |

## 2.6 Main Pressures

| Pressure   | ranking               | pollution qualifier(s) |
|--|-----------------------|------------------------|
| damage caused by game (excess population density) (F03.01.01)        | high importance (H)   | N/A                    |
| Outdoor sports and leisure activities, recreational activities (G01) | medium importance (M) | N/A                    |
| Trampling, overuse (G05.01)  | medium importance (M) | N/A                    |
| Biocenotic evolution, succession (K02)                               | medium importance (M) | N/A                    |

2.6.1 Method used – pressures mainly based on expert judgement and other data (2)

## 2.7 Main Threats

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| Threat   | ranking               | pollution qualifier(s) |
|--|-----------------------|------------------------|
| Outdoor sports and leisure activities, recreational activities (G01) | low importance (L)    | N/A                    |
| Trampling, overuse (G05.01)  | medium importance (M) | N/A                    |
| Biocenotic evolution, succession (K02)                               | medium importance (M) | N/A                    |
| damage caused by game (excess population density) (F03.01.01)        | high importance (H)   | N/A                    |

2.7.1 Method used – threats expert opinion (1)

## 2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

2.8.3 Trans-boundary assessment

## 2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range assessment Favourable (FV)  
qualifiers N/A

2.9.2. Population assessment Favourable (FV)  
qualifiers N/A

2.9.3. Habitat assessment Favourable (FV)  
qualifiers N/A

2.9.4. Future prospects assessment Favourable (FV)  
qualifiers N/A

2.9.5 Overall assessment of Conservation Status Favourable (FV)

2.9.5 Overall trend in Conservation Status N/A

## 3. Natura 2000 coverage and conservation measures - Annex II species

### 3.1 Population

3.1.1 Population Size Unit number of individuals (i)  
min 1200 max 4000

3.1.2 Method used Complete survey/Complete survey or a statistically robust estimate (3)

3.1.3 Trend of population size within N/A

### 3.2 Conversation Measures

| 3.2.1 Measure                                      | 3.2.2 Type | 3.2.3 Ranking       | 3.2.4 Location | 3.2.5 Broad Evaluation           |
|--|------------|---------------------|----------------|----------------------------------|
| Other species management measures (7.0)            | Recurrent  | high importance (H) | Inside         | Long term                        |
| Regulation/ Management of hunting and taking (7.1) | Recurrent  | high importance (H) | Inside         | Maintain<br>Enhance<br>Long term |

